

OUTLINE SHEET 3-15-1

Cold Iron Trainer Laboratory

A. Introduction

The Cold Iron Trainer will give you the opportunity to practice the skills and knowledge learned in cold iron watchstanding, shipboard firefighting and operation of shipboard equipment.

B. Enabling Objectives

- 3.45 **PERFORM** inspection rounds in a simulated shipboard engineering environment.
- 3.46 **OPERATE** equipment in accordance with EOSS in a simulated shipboard engineering environment.
- 3.47 **MONITOR** operating equipment.
- 3.48 **MAINTAIN** watchstation records.
- 3.49 **EVACUATE** space while using SEED and EEBD.
- 3.50 **DON** the oxygen breathing apparatus.
- 3.51 **RE-ENTER** space as fire party member, given necessary firefighting equipment.

C. Topic Outline

- 1. Introduction
- 2. Overview
- 3. Perform Job Sheet

JOBSHEET 3-15-2A
Cold Iron Trainer Laboratory
(Port Section)

A. Introduction

Cold iron watchstanders must be able to perform assigned tasks quickly and effectively. This jobsheet will allow you to practice the step-by-step procedures required to stand a cold iron watch.

B. Equipment. The following equipment is required:

1. cold iron log
2. sounding tape
3. tank chart
4. applicable EOSS
5. SEED
6. OBA
7. firehose

C. References:

None

D. Safety precautions:

1. Review TTO procedures in the Safety/Hazard Awareness Notice.
2. Do NOT to operate any equipment without the permission of the watch supervisor.
3. Use of EOSS is mandatory.
4. Use of phone talking procedures is mandatory.

E. Job Steps:

1. Tour the plant. Memorize the prescribed egress route.
2. Perform the following tasks when ordered by the watch supervisor.
 - a. Set the watch. Ensure log entries are made promptly.
 - b. Align and place in operation the fire/flushing pump in accordance with CP. FMS.
 - c. Align and place in operation the oil/water separator in accordance with CP. OWSS.
 - d. Secure the oil/water separator in accordance with CP. OWSS.
 - e. Secure the fire/flushing pump in accordance with CP. FMS.

3. Maintain the cold iron log. Ensure log entries are made promptly and accurately.
4. Conduct inspection rounds of the space while not actively completing tasks.
5. Report all discrepancies to the watch supervisor.
6. Turn over the watch by briefing the incoming relief as to the plant condition. Show the incoming watch team the prescribed egress route.
7. Report to the assigned classroom. Perform the following tasks when ordered by the classroom instructor.
 - a. Review the procedure in donning and activating the OBA.
 - b. Don OBA to standby position.
 - c. Insert canister. Light off canister when ordered. Set timer.
 - d. Assume designated position in the firefighting team.
 - e. Man the hose.
8. Report to the egress training staging area.
 - a. When ordered, don EEBD and egress from the space.

JOBSHEET 3-15-3B
Cold Iron Trainer Laboratory
Starboard Section

A. Introduction

Cold iron watchstanders must be able to perform assigned tasks quickly and effectively. This jobsheet will allow you to practice the step-by-step procedures required to stand a cold iron watch.

B. Equipment. The following equipment is required:

1. cold iron log
2. sounding tape
3. tank chart
4. applicable EOSS
5. SEED
6. OBA
7. firehose

C. References:

None

D. Safety precautions:

1. Review TTO procedures in the Safety/Hazard Awareness Notice.
2. Do NOT to operate any equipment without the permission of the watch supervisor.
3. Use of EOSS is mandatory.
4. Use of phone talking procedures is mandatory.

E. Job Steps:

1. Report to the assigned classroom. Perform the following tasks when ordered by the classroom instructor.
 - a. Review the procedure in donning and activating the OBA.
 - b. Don OBA to standby position.
 - c. Insert canister. Light off canister when ordered. Set timer.
 - d. Assume designated position in the firefighting team.
 - e. Man the hose.
2. Relieve the watch. Tour the plant with the outgoing watch team. Memorize the prescribed egress route.

3. Perform the following tasks when ordered by the watch supervisor.
 - a. Ensure log entries are made promptly.
 - b. Align and place in operation the fire/flushing pump in accordance with CP. FMS.
 - c. Align and place in operation the oil/water separator in accordance with CP. OWSS.
 - d. Secure the oil/water separator in accordance with CP. OWSS.
 - e. Secure the fire/flushing pump in accordance with CP. FMS.
4. Maintain the cold iron log. Ensure log entries are made promptly and accurately.
5. Conduct inspection rounds of the space while not actively completing tasks.
6. Report all discrepancies to the watch supervisor.
7. Report to the egress training staging area.
 - a. When ordered, don EEBD and egress from the space.